

Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 06 May 2021 until 23:59 on Friday 07 May 2021

Forecast Issued on Wednesday 05 May 2021 at 17:54

Confidence: High for continuation of unsettled conditions, but moderate for timing of rain on Saturday.

Headline for Thursday 06 May 2021: Sunshine and showers, with a risk of hail, thunder and hill snow.

Mountain weather hazards on Thursday 06 May 2021

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

Low Likelihood

Heavy Snow

Low Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

Low Likelihood

Storm force winds

No Likelihood

Poor visibility

Low Likelihood

Strong sunlight

High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Cloudy	Cloudy	Sunny intervals	Light snow	Sleet	Sleet showers	Light snow showers	Light snow showers (night)
Precipitation probability							
30%	10%	10%	10%	30%	30%	10%	20%

Forecast for Thursday 06 May 2021

Weather: Isolated showers of rain, and snow above 400m, continuing through the early hours. A widespread frost is possible at all levels away from the showers. A bright and sunny morning, with any frost clearing, perhaps a little slower in shelter. Showers then developing widely throughout the day, perhaps heavy and thundery with a risk of hail. Snow showers are also possible above 400m, which may accumulate on soft verges. A band of rain and hill snow then moving south across the park through the evening, bringing more frequent showers.

Chance of cloud free mountain/hill tops above 600m: 80% becoming 60% in the showers through the day.

Visibility: Very good or excellent throughout the day, but with a risk of rapid deterioration to poor or very poor in the heavier showers, where bases could drop to 500m.

Forecast for Thursday 06 May 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/10 SW	7/11 W	9/13 W	13/19 NW	15/22 W	16/24 W	16/23 NW	12/19 NW	10/15 NW
300	3/8 SW	3/9 W	4/10 W	8/16 W	11/20 NW	13/24 W	11/23 NW	9/19 NW	7/15 NW
Valley	2/6 N	2/7 W	3/6 W	9/17 NW	11/21 W	12/23 W	10/21 NW	6/14 NW	3/8 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-0/-4	-2/-6	-1/-6	1/-4	2/-3	3/-3	2/-4	0/-4	-0/-4
300	0/-2	-0/-2	1/-2	4/1	5/2	5/2	4/0	2/-1	2/-1
Valley	2/0	1/-1	2/1	5/2	7/3	7/4	6/3	4/1	2/0
Freezing Level*	400m	300m	300m	400m	500m	600m	700m	700m	600m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

A mixture of potential strong sunshine and heavy showers with the weather likely to change rapidly throughout the day.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 05 May 2021	5.6mm	37.8mm	47.4mm

Forecast for Friday 07 May 2021

Weather: Band of rain moving south at first, perhaps producing snow down to around 400m. Away from the rain and hill snow, skies will generally be clear with a widespread frost possible at all levels by dawn. Any rain then easing by dawn to leave a dry and bright start with sunny spells. Showers developing widely through the day with a risk of snow showers above 200m briefly in the morning, this risk then rising to 400m through the day. Showers slowly easing during the evening with some brighter spells possible.

Maximum wind: West or northwesterly winds 10-15mph with gusts 20-25mph at first, slowly easing.

Chance of cloud free mountain/hill tops above 600m: Greater than 90%, becoming 60% as showers bubble up through the day.

Visibility: Generally very good or excellent. Becoming poor or very poor in rain or snow showers, with cloud bases perhaps descending to 600m in heavier showers.

Temperature: **Valleys:** Plus 2 Celsius, rising to 10 Celsius
At 600m: Minus 1 Celsius rising to plus 4 Celsius.
Freezing level: 400m rising to above the summits later in the day.